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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/689,700	10/22/2003	Hiroyuki Taguchi	SHO-0016	4656

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WASHINGTON, DC 20036

EXAMINER

NGUYEN, PHUONGCHI T

ART UNIT PAPER NUMBER

2833

DATE MAILED: 06/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/689,700

Applicant(s)

TAGUCHI, HIROYUKI

Examiner

Phuongchi Nguyen

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) 3-10 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 03/18/04
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

### DETAILED ACTION

1. Applicant's amendment of March 7, 2005 is acknowledged. It is noted that claims 1 and 11 are amended.

The traversal of claims 1-11 on the grounds that all amended claims are consistent with product claim 1 is not found persuasive and the claims are still subject to restriction. Claims 1-2 and 11 are drawn to a electrical connector, classified in class 439, subclass 862, and Claims 3, 4, 7-10 are still drawn to a different class such as a method of making electrical connector, classified in class 29, subclass 883. In the instant case, as previously stated the product as claimed can be made by a materially different process such as casting or locating the first supporting pin in the housing. Claim 3 requires the housing be formed by molding which is not recited in claim 1; because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as previously indicated is proper.

Claims 3, 4, 7-10 are still withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

The requirement is still deemed proper and is therefore made FINAL.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-2 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Irving G. Wells (US3568136).

In regard to claim 1, Wells discloses (figure 1) a connector for electrically connecting a (mating) card and a lead wire (8), comprising a housing (6) for to and from which the (mating) card can be inserted and pulled out along a (inner) surface of the housing (6), and a contact (2) built in the housing (6), the contact (2) having a pair of exposed ends (mating end and connecting cable end), one (in the back) of the exposed ends capable of connecting to a lead wire (8)(col. 1, lines 42-43), the other (in the front) of the exposed ends capable of connecting to the (mating) card when the card is inserted (col. 1, lines 44-45),

wherein the housing (6) comprises a first communication hole (outer hole 4) communicating with the contact (2)(col. 1, lines 39-42), the first communication hole (outer hole 4) having a diameter which allows a probe for a connector conduction test to be inserted into the first communication hole (outer hole 4), and a second communication hole (inner hole 4) with the contact (2), the second communication hole (inner hole 4) being formed opposite to the first communication hole (outer hole 4).

In regard to claim 2, Wells discloses the connector wherein the diameter of the first communication hole (outer hole 4) is smaller than a width of the contact (2) (figure 1).

In regard to claim 11, Wells discloses a method for testing conduction of a connector for electrically connecting a (mating) card and a lead wire (8), including a housing (6) to and from which the (mating) card can be inserted and pulled out along a (inner) surface of the housing (6) and a contact (2) built in the housing (6), the contact (2) having a pair of exposed ends (mating end and connecting cable end), one (in the back) of the exposed ends capable of connecting to the lead wire (8), the other (in the front) of the exposed ends capable of connecting to the (mating) card when the card is inserted, the method comprising the steps of forming a first

communication hole (outer hole 4) communicating with the contact (2) inside the housing (2) (col. 1, lines 39-42), the first communication hole (outer hole 4) having a diameter which allows a probe for a connector conduction test to be inserted into the first communication hole (outer hole 4); forming a second communication hole (inner hole 4) with the contact (2), the second communication hole (inner hole 4) being formed opposite to the first communication hole (outer hole 4); and inserting the probe for a connector conduction test into the first communication hole (outer hole 4) such that the probe can make an electrical contact with a portion of the contact (2) (col. 1, lines 41-42), the portion of the contact (2) being exposed out of the first communication hole (outer hole 4) (the contact 2 being exposed out of the second (inner) hole 4, the first (outer) hole and the second (inner) hole 4 are a through hole).

*Response to Arguments*

4. Applicant's arguments with respect to claims 1, 2 and 11 have been considered but are moot in view of the new ground(s) of rejection.
5. This application contains claims 3, 4, 7-10 are drawn to an invention nonelected with traverse in the office action of 09/21/2004. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.
6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Taguchi (USD503680S) and Washington et al (USD499380S) are cited to show the similar device as applicant's invention.

*Conclusion*

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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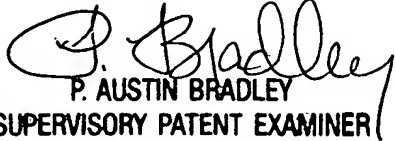
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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

May 19, 2005

  
P. AUSTIN BRADLEY  
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